

Ser. No.10/084,773
Amdt. dated August 21, 2008
Reply to Office Action of May 21, 2008

PU020045
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Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of the Claims

1. (Currently Amended) An outdoor unit for a satellite television ground system comprising:

downlink circuitry operative to receive a satellite television signal from a satellite, frequency lock to the satellite television signal, process the satellite television signal, and provide the processed satellite television signal to an indoor unit of the satellite television ground system; and

uplink circuitry operative to receive an uplink signal from the indoor unit, process the received uplink signal, and transmit the processed uplink signal to the satellite[s] only when said downlink circuitry is simultaneously receiving said satellite television signal from said satellite and is frequency locked to said satellite television signal from said satellite.
2. (Previously Presented) The outdoor unit of claim 1, wherein the uplink circuitry is further operative to receive an uplink control signal from the indoor unit indicating said downlink circuitry being frequency locked to the satellite television signal.
3. (Previously Presented) The outdoor unit of claim 2, wherein the uplink control signal comprises an uplink data signal and an uplink oscillator signal.
4. (Previously Presented) The outdoor unit of claim 3, wherein the uplink oscillator signal is derived from the satellite television signal.
5. (Previously Presented) The outdoor unit of claim 4, wherein the uplink oscillator signal is derived from a frequency conversion error data from the satellite television signal.

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6. (Previously Presented) An outdoor unit for a satellite television ground system comprising:
- means for receiving a satellite television signal from a satellite;
 - means for processing the satellite television signal;
 - means for providing the processed satellite television signal to an indoor unit of the satellite television ground system;
 - means for receiving an uplink signal from the indoor unit;
 - means for processing the received uplink signal; and
 - means for providing the processed uplink signal to said satellite only when said means for receiving is receiving the satellite television signal from said satellite and is frequency locked to said satellite television signal from said satellite.
7. (Previously Presented) The outdoor unit of claim 6, further comprising:
- means for receiving an uplink control signal indicating a frequency locked condition to signals from the satellite from the indoor unit.
8. (Previously Presented) The outdoor unit of claim 7, wherein the uplink control signal comprises an uplink data signal and an uplink oscillator signal.
9. (Previously Presented) The outdoor unit of claim 8, wherein the uplink oscillator signal is derived from the satellite television signal.
10. (Previously Presented) The outdoor unit of claim 9, wherein the uplink oscillator signal is derived from a frequency conversion error data from the satellite television signal.
11. (Previously Presented) In an outdoor unit of a satellite television ground system, a method of providing an uplink communication with a television broadcasting satellite comprising the steps of:
- receiving a satellite television signals from a satellite;
 - processing the satellite television signal;
 - providing the processed satellite television signal to an indoor unit of the satellite television ground system;

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receiving an uplink signal from the indoor unit;
processing the received uplink signal; and
providing the processed uplink signal to the satellite while simultaneously receiving the satellite television signal from said satellite and receiving an uplink control signal indicating a frequency locked condition to said satellite television signal from said satellite.

12. (Cancelled)

13. (Original) The method of claim 12, wherein the uplink control signal comprises an uplink data signal and an uplink oscillator signal.

14. (Previously Presented) The method of claim 13, wherein the uplink oscillator signal is derived from the satellite television signal.

15. (Previously Presented) The method of claim 14, wherein the uplink oscillator signal is derived from frequency conversion error data from the satellite television signal.

16. – 17. (Cancelled)